

EDUCATION STANDARDS AND PRACTICES BOARD  
 CONTENT AREA MAJOR EQUIVALENCY ENDORSEMENTS  
 SFN 53935

Date:	Name:
Social Security Number:	License Number:

A major equivalency endorsement consists of 32 semester hours for a single content major verified through official transcripts from a state-approved college of teacher education. All major equivalencies must meet North Dakota Teacher Education Program Approval Standards. A major equivalency will not change the level of preparation of the applicant unless completed with a student teaching or clinical practice option.

BIOLOGY EDUCATION		
	Content Completed: SH	Content Needed
Minimum of 32 semester hours of biology		
Required:		
• zoology	_____:	_____:
• botany with labs	_____:	_____:
• anatomy/morphology	_____:	_____:
• physiology	_____:	_____:
• genetics	_____:	_____:
• cell biology/biochemistry	_____:	_____:
• interaction of biology and technology	_____:	_____:
	_____:	_____:
	_____:	_____:
<u>Other requirements:</u>	_____:	_____:
General chemistry I & II with labs (8 SH)	_____:	_____:
Physics (4 SH)	_____:	_____:
Earth science (4 SH)	_____:	_____:
Methods of teaching science	_____:	_____:
Mathematics through pre-calculus, and statistics	_____:	_____:
	Total SH _____:	Total SH _____:

History: November 17, 2003

Effective July 1, 2006.